

result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:51:39 ON 29 NOV 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:52:02 ON 29 NOV 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 27 NOV 2006 HIGHEST RN 914071-04-8

DICTIONARY FILE UPDATES: 27 NOV 2006 HIGHEST RN 914071-04-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>Testing the current file.... screen

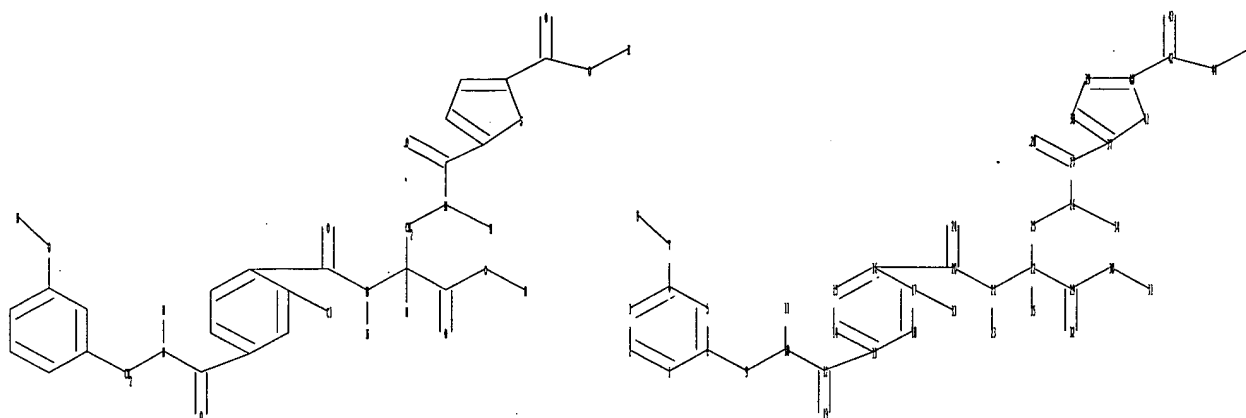
ENTER SCREEN EXPRESSION OR (END):end

=> screen 2076

L1 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10649762sp.str



```

chain nodes :
7  8  9  10  11  12  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34
 35 42 43 44 45
ring nodes :
1  2  3  4  5  6  13  14  15  16  17  18  37  38  39  40  41
chain bonds :
4-7  6-9  7-8  9-10  10-11  10-12  12-13  12-19  16-20  17-33  20-24  20-21  21-22
21-23  22-35  22-29  22-25  25-26  26-27  26-34  27-28  27-37  29-30  29-32  30-31
40-42  42-43  42-44  44-45
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  13-14  13-18  14-15  15-16  16-17  17-18  37-38
37-41  38-39  39-40  40-41
exact/norm bonds :
4-7  10-12  12-19  20-24  20-21  21-22  26-27  27-28  37-38  37-41  38-39  39-40
40-41
exact bonds :
6-9  7-8  9-10  10-11  12-13  16-20  17-33  21-23  22-35  22-29  22-25  25-26
26-34  27-37  30-31  40-42  44-45
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  13-14  13-18  14-15  15-16  16-17  17-18  29-30
29-32  42-43  42-44

```

G1:Hy,Cb,Cy,Ak

```

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom
27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom
37:Atom 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:Atom 43:Atom 44:Atom 45:Atom

```

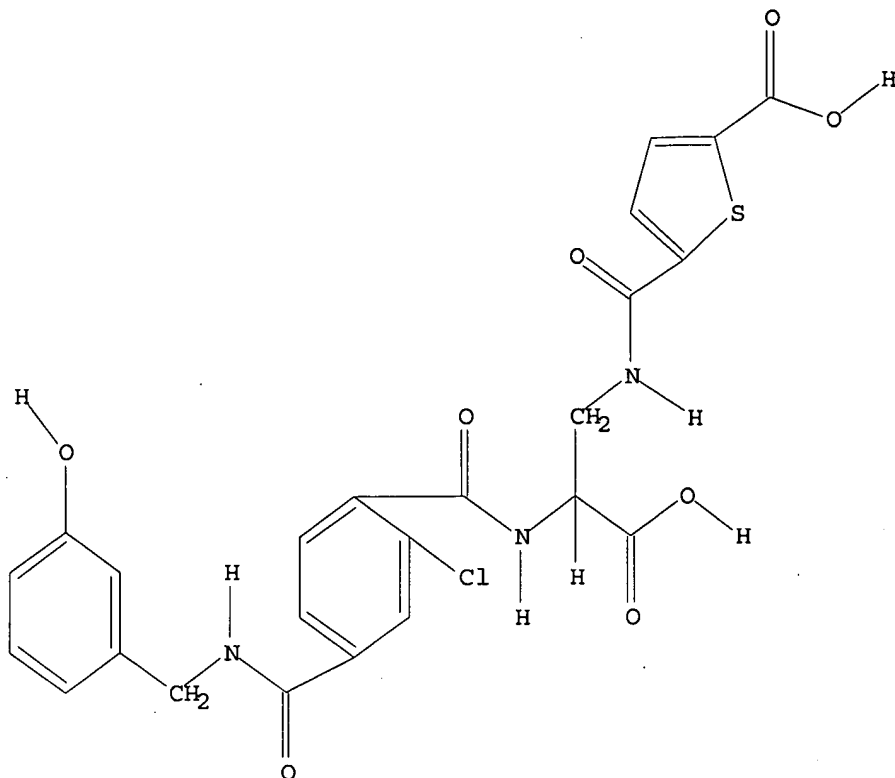
L2 STRUCTURE UPLOADED

=> que L2 AND L1

L3 QUE L2 AND L1

=> d L2

L2 HAS NO ANSWERS
L2 STR



G1 Hy,Cb,Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s L2 full
FULL SEARCH INITIATED 15:52:37 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 22 TO ITERATE

100.0% PROCESSED 22 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L4 0 SEA SSS FUL L2

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	166.94	167.15

FILE 'CAPLUS' ENTERED AT 15:52:44 ON 29 NOV 2006
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FILE COVERS 1907 - 29 Nov 2006 VOL 145 ISS 23
FILE LAST UPDATED: 27 Nov 2006 (20061127/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s L4

L5 0 L4

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.46

167.61

STN INTERNATIONAL LOGOFF AT 15:52:58 ON 29 NOV 2006